

WHAT IS CLAIMED IS:

1. A nonreciprocal circuit element comprising:
 - a magnetic assembly comprising a ferrite magnetic body,
 - 5 a common electrode disposed on one surface of the magnetic body, and three central conductors extending in three directions from the periphery of the common electrode and disposed on the magnetic body;
 - capacitors connecting to the respective central
 - 10 conductors;
 - a permanent magnet which applies a DC bias magnetic field to the magnetic body; and
 - a metal case which accommodates the magnetic assembly, the capacitors, and the permanent magnet, the metal case
 - 15 functioning as a magnetic yoke,
 - wherein the saturation magnetic flux density of at least a portion of the metal case and the residual magnetic flux density of the permanent magnet have negative temperature coefficients, and the portion of the metal case comprises a
 - 20 magnetic material having a larger absolute value of the temperature coefficient of the saturation magnetic flux density than the absolute value of the temperature coefficient of the residual magnetic flux density of the permanent magnet in the temperature range of -35°C to +85°C.
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2. A nonreciprocal circuit element according to Claim 1, wherein the Curie point of the magnetic material is less than 400° C.

3. A nonreciprocal circuit element according to Claim 1, wherein the Curie point of the magnetic material is 100°C to 300°C.

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4. A nonreciprocal circuit element according to Claim 1, wherein the magnetic material is represented by the formula $(\text{Fe}_{1-a}\text{Co}_a)_{100-b}\text{Ni}_b$, wherein 0 atomic percent $\leq a \leq 0.1$ atomic percent and 28 atomic percent $\leq b \leq 41$ atomic percent.

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5. A nonreciprocal circuit element according to Claim 1, wherein the metal case comprises an upper case and a lower case, and at least a portion of the upper or lower case that is closer to the permanent magnet is said at least a portion
15 of the metal case comprising the magnetic material.

6. A communication apparatus comprising a nonreciprocal circuit element according to Claim 1.